ICHIFUJI *et al.*, SN 10/773,307   500.35360CX2/E3190-05ES
Suppl. Pre. Amdt. filed 06 May 2004   Page 2

IN THE CLAIMS:

1.-11. (Cancelled)

12. (Currently Amended)   A digital ~~broadcasting~~ receiver <u>to effect display of</u> ~~which displays~~ at least one of video program or character information of programs, comprising:

a receiver which receives video program and program information including a title and time information of a video program;

a video decoder which decodes the received video program;

an information decoder which decodes the received program information;

a menu-grid display controller to <u>effect</u> display <u>of</u> a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller which omits a part of a character information extracted from the program information when a number of characters <u>in</u> ~~in~~ the character information of the particular program is larger than a number of characters which can be displayed in a first prescribed zone indicative of a prescribed time period attached to a last tail part of the menu;

a full display controller <u>to control display of,</u> ~~which displays,~~ in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter which outputs the character <u>information</u> ~~information~~ generated by the menu-grid display controller, the omission display controller and the full display controller.

13. (Currently Amended)   A digital ~~broadcasting~~ receiver according to Claim 12, comprising:

a multiplexer which multiplexes the decoded video program and the character information of programs.

14. (Currently Amended)   A digital ~~broadcasting~~ receiver according to Claim 12, wherein the omission display controller adds an omission symbol to a remaining part of the character information ~~Information~~ of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.

15. (Currently Amended)   A digital ~~broadcasting~~ receiver to effect display of ~~which displays~~ at least one of video program or character information ~~Information~~ of programs, comprising:

a receiver which receives video program and program information including ~~Information Including~~ a title and time information ~~Information~~ of a video program;

a video decoder which decodes the received video program;

a information decoder which decodes the received program information;

a menu-grid display controller to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller which omits a part of a character information extracted from the program information when a data amount of characters in the character information of the particular program is larger than a data amount of

characters in the characters which can be displayed in a first prescribed zone

indicative ~~indicative~~ of a prescribed time period;

a full display controller to control display of, ~~which displays,~~ in response to a

predetermined selection, an entirety of the character information of the particular

future program in a second prescribed zone; and

an outputter which outputs the character information generated by the menu-

grid display controller, the omission display controller and the full display controller.

16. (Currently Amended)   A digital ~~broadcasting~~ receiver according to Claim

15, wherein the omission display controller has a comparator to compare the

decoded character data amount with data amount which can be displayed in the first

prescribed zone.

17. (Currently Amended)   A digital ~~broadcasting~~ receiver according to Claim

15, comprising:

a multiplexer which multiplexes the decoded video program and the character

information of programs.

18. (Currently Amended)   A digital ~~broadcasting~~ receiver according to Claim

15, wherein the omission display controller adds an omission symbol to a remaining

part of the character information of the particular program from which a part was

omitted when displaying the remaining part of the character information of the

particular future program from which a part was omitted in the first prescribed zone in

the grid.

19. (Currently Amended) A digital ~~broadcasting~~ receiver <u>to effect display of</u> ~~which displays~~ at least one of video or a plurality of background information blocks each indicative of a program time period, comprising:

a receiver which receives video program and program information including a title and time information of a video program;

a video decoder which decodes the received video program;

an information decoder which decodes the received program information;

a menu-grid display controller to <u>effect</u> display <u>of</u> a menu of at least present and future programs for a plurality of channels in a grid;

a display change controller which <u>changes</u> ~~changes~~ a displayed shape of a particular background <u>information</u> ~~information~~ block indicative of a program time period in the grid when the program time period indicated by the particular background information block exceeds a program time period which is displayed in a first prescribed zone;

a full display controller <u>to control display of,</u> ~~which displays,~~ a program start time and a program end time of the program time period indicated by the particular background information block <u>in a</u> ~~in a~~ second prescribed zone for any program when the program whose background <u>information</u> ~~information~~ block is changed in the shape is selected in a first prescribed zone; and

an outputter which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller.

20. (Currently Amended) A digital ~~broadcasting~~ receiver according to Claim 19, wherein the omission display controller has a comparator to compare the time

ICHIFUJI *et al.*, SN 10/773,307   500.35360CX2/E3190-05ES
Suppl. Pre. Amdt. filed 06 May 2004   Page 6

information of a program with a time band to <u>be</u> displayed in the first prescribed

zone.

21. (Currently Amended) A digital ~~broadcasting~~ receiver according to Claim

19, comprising:

a multiplexer which multiplexes the decoded video program and the character

information of programs.

22. (New) A system comprising:

a digital receiver to effect display of at least one of video program or character

information of programs, including:

       a receiver which receives video program and program

information including a title and time information of a video program;

       a video decoder which decodes the received video program;

       an information decoder which decodes the received program

information;

       a menu-grid display controller to effect display of a menu of at

least present and future programs for a plurality of channels in a grid;

       an omission display controller which omits a part of a character

information extracted from the program information when a number of

characters in the character information of the particular program is

larger than a number of characters which can be displayed in a first

prescribed zone indicative of a prescribed time period attached to a last

tail part of the menu;

a full display controller to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller; and,

a television display unit to receive an output from the video decoder and outputter to display the at least one of video program or character information of programs.

23. (New) A system according to Claim 22, comprising:

a multiplexer which multiplexes the decoded video program and the character information of programs.

24. (New) A system according to Claim 22,

wherein the omission display controller adds an omission symbol to a remaining part of the character information of the particular program from which a part was omitted when displaying the remaining part of the character information of the particular future program from which a part was omitted in the first prescribed zone in the grid.

25. (New) A system comprising:

a digital receiver to effect display of at least one of video program or character information of programs, including:

a receiver which receives video program and program information including a title and time information of a video program;

a video decoder which decodes the received video program;

a information decoder which decodes the received program information;

a menu-grid display controller to effect display of a menu of at least present and future programs for a plurality of channels in a grid;

an omission display controller which omits a part of a character information extracted from the program information when a data amount of characters in the character information of the particular program is larger than a data amount of characters in the characters which can be displayed in a first prescribed zone indicative of a prescribed time period;

a full display controller to control display of, in response to a predetermined selection, an entirety of the character information of the particular future program in a second prescribed zone; and

an outputter which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller; and,

a television display unit to receive an output from the video decoder and outputter to display the at least one of video program or character information of programs.

26. (New) A system according to Claim 25, wherein the omission display

controller has a comparator to compare the decoded character data amount with

data amount which can be displayed in the first prescribed zone.

27. (New) A system according to Claim 25, comprising:

a multiplexer which multiplexes the decoded video program and the character

information of programs.

28. (New) A system according to Claim 25, wherein the omission display

controller adds an omission symbol to a remaining part of the character information

of the particular program from which a part was omitted when displaying the

remaining part of the character information of the particular future program from

which a part was omitted in the first prescribed zone in the grid.

29. (New) A system comprising:

a digital receiver to effect display of at least one of video or a plurality of

background information blocks each indicative of a program time period, including:

a receiver which receives video program and program

information including a title and time information of a video program;

a video decoder which decodes the received video program;

an information decoder which decodes the received program

information;

a menu-grid display controller to effect display of a menu of at

least present and future programs for a plurality of channels in a grid;

a display change controller which changes a displayed shape of a particular background information block indicative of a program time period in the grid when the program time period indicated by the particular background information block exceeds a program time period which is displayed in a first prescribed zone;

a full display controller to control display of a program start time and a program end time of the program time period indicated by the particular background information block in a second prescribed zone for any program when the program whose background information block is changed in the shape is selected in a first prescribed zone; and

an outputter which outputs the character information generated by the menu-grid display controller, the omission display controller and the full display controller: and,

a television display unit to receive an output from the video decoder and outputter to display the at least one of video program or character information of programs.

30. (New) A system according to Claim 29, wherein the omission display controller has a comparator to compare the time information of a program with a time band to be displayed in the first prescribed zone.

31. (New) A system according to Claim 29, comprising;

a multiplexer which multiplexes the decoded video program and the character information of programs.